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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/079,005	02/20/2002	Liping Zhang	01	6128

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EXAMINER

ALAUBAIDI, HAYTHIM J

ART UNIT PAPER NUMBER

2161

DATE MAILED: 06/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/079,005

Applicant(s)

ZHANG, LIPING

Examiner

Haythim J. Alaubaidi

Art Unit

2161

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 February 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 February 2002 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2/20/02.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This action is a first Non-Final Office Action in regard to Application No. 10/079005 filed on February 20, 2002.
2. Claims 1-18 are presented for examination, of which Claims 1, 14 and 18 are independent.
3. Claims 1-18, are rejected under 35 U.S.C. 103(a).

Priority

4. Applicant's claim for domestic priority under 35 U.S.C. §119(e) is acknowledged; the Applicant was accorded the benefit of the earlier filing date of February 20, 2001.

Specification

5. Claims 9 and 11 are objected to because of the following informalities:

The limitation "further for entering" seems to have missing text. Appropriate correction is required.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1-18, are rejected under 35 U.S.C. 103(a) as being unpatentable over Karen Brodersen (U.S. Patent No. 6,732,100 and Brodersen hereinafter) in view of Teresa Win (U.S. Patent No. 6,453,353 and Win hereinafter).

Regarding Claims 1, 6, 14 and 18, Brodersen discloses:

a database with a plurality of portions (Abstract; see also Col 1, Lines 50-55, i.e. data item or view; see also Col 4, Lines 58-65; see also Col 5, Lines 1-10) for selectively receiving and supplying data (Col 6, Lines 54-67);

entering access roles for each user (Col 2, Lines 15-24; see also Col 2, Line 57 through Col 3, Line 4; see also Col 3, Lines 25-36); and

an access controller for controlling access by each user for selected ones of said plurality of portions of said database (Col 1, Lines 50-55, i.e. access control) with access roles which match the access role of the user (Col 1, Line 55 through Col 2, Line 2, i.e. the database views are visible to users based upon the personal, positional and organizational attributes; see also Col 2, Line 57 through Col 3, Line 4, i.e. role) supplying the access role of manager (owner) (Abstract, i.e. *granting of access to data and files by the file or database creator, owner or manager or by group or user access profiles*; see also Col 1, Lines 6-8)¹ to vary access privileges for other users (Col 2, Lines 15-24; see also Col 9, Line 64 through Col 10, Line 3).

Brodersen reference discloses all of the claimed subject matter set forth above, except it does not explicitly indicate the web pages including a set of web pages for viewing and entering data; and nor does the reference indicate an access controller for controlling access by each user for selected ones of said web pages.

However, Win discloses web pages (resources)² including a set of web pages for viewing and entering data (Col 2, Lines 41-56) and an access controller for controlling access by each user for selected ones of said web pages (Col 2, Lines 41-67).

Given the intended broad application of the Brodersen system, It would have been obvious to a person of ordinary skill in the art at the time of Applicant's invention to modify the teachings of Brodersen with the teachings of Win to include not just access restrictions to parts of database applications but also access restriction to web pages such as web applications as one good reason would be due to the increase usage of the web based application in order to reach a larger community of users accessing the databases through the Internet and the Intranet; also to maintain data privacy and sensitivity to certain data on the web just as it is on the databases.

Regarding Claim 2, Brodersen discloses tables and objects (Figures 1 and 2 and corresponding text).

¹ Please note that Brodersen interpretation of the manager is the same as the owner, as both are able to grant access to other users (see Claim 1, Lines 13-15 of the instant application) and (Col 2, Lines 15-24).

² Please note that Win is using the word "resources" as the "web pages" in the current Application, please see Win's Abstract, i.e. web resources.

Regarding Claim 3, Win discloses client portions (Figure No. 10C and corresponding text) and rule portions (Figure 10B and corresponding text).

Regarding Claims 4 and 15, Win discloses:

a static portion (Figure No. 10B, Elements No. 1022, 1023, 1024 and 1026 as in the layout of the web interface of the browser; see also Col 5, Lines 13-20);

an interpreted portion (Figure No. 10B, Elements No. 1028a-1028n, the content of 1023 and the content of 1024; see also Col 5, Lines 13-20); and

said access controller conditionally interpreting said interpreted portion depending on a correlation between an access role associated with said interpreted portion and the access role of the requester (Figures 10A – 10C and corresponding text; see also Col 2, Lines 41-67).

Regarding Claim 5, Win discloses assembles web pages when the access role of the requesting user correlates (matches) with the access role associated with said interpreted portion (Col 3, Lines 1-15).

Regarding Claims 7 and 16, Win discloses registration web page (Col 6, Lines 20-26 and Lines 41-54); and

in regard to assigning the role of manager (owner) to users (this limitations was addressed in the rejection of claim 1 above. In edition, Win also disclose the role of manager (administrator) (Col 13, Lines 8-16).

Regarding Claims 8 and 9, Win discloses:

correlating web pages (resources) with roles (Col 3, Lines 26-27);

correlating users with a role with a group (Col 2, Lines 57-67); and

Brodersen discloses with each group including at least one user with a manager (owner) role (Abstract, i.e. *granting of access to data and files by the file or database creator, owner or manager or by group or user access profiles*; see also Col 1, Lines 6-8).

Regarding Claim 10, the limitations of this claim were addressed in rejecting claims 1 and 8 above; the limitations of Claim 10 are a combination of both claims 1 and 8; they are therefor rejected as set forth above.

Regarding Claim 11, the limitations of this claim were addressed in rejecting claims 1 and 9 above; the limitations of Claim 11 are a combination of both claims 1 and 9; they are therefor rejected as set forth above.

Regarding Claims 12 and 17, the limitations of this claim was addressed in rejecting claims 1 and 7 above. In addition, Win discloses adding and deleting users from group (see Win, Col 13, Lines 8-16).

Regarding Claim 13, Win discloses associating roles to job titles (Figure No. 10B and associated text; see also Col 18, Lines 14-26, i.e. the role of sales manager).

Other Prior Art Made of Record

8. a. Barkley et al. (U.S. Patent No. 6202066) discloses an implementation of role/group permission association using object access type;
- b. Win et al. (U.S. Patent No. 6161139) discloses an administrative roles that govern access to administrative functions; and
- c. Helland et al. (U.S. Patent No. 6014666) discloses declarative and programmatic access control of component-based server applications using roles.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure.

Points of Contact

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haythim J. Alaubaidi whose telephone number is (571) 272-4014. The examiner can normally be reached on Monday - Friday from 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic, can be reached on (571) 272-4023.

Art Unit: 2161

Any response to this office action should be mailed to:

The Commissioner of Patents and Trademarks, Washington, D.C. 20231 or telefax at
our fax number (703) 872-9306.

Hand-delivered responses should be brought to the Customer Service Window of the
Randolph Building at 401 Dulany Street, Alexandria, VA 22314

Haythim J. Alaubaidi

Patent Examiner
Technology Center 2100
Art Unite 2161


FRANTZ COBY
PRIMARY EXAMINER